

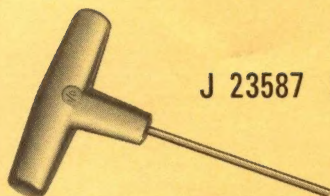
Chevrolet

VEGA

**Essential
Service
Tools**

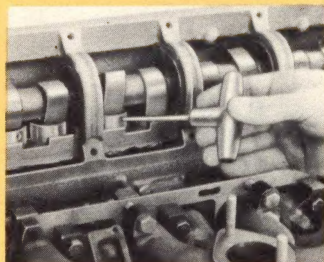
Chevrolet VEGA Essential Service Tools

ENGINE TOOLS

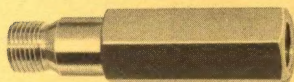


J 23587 Lifter Adjusting Wrench

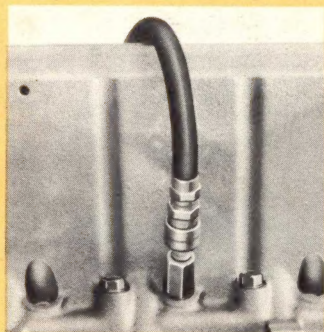
The mechanical lifters are adjusted for proper lash by the rotating of a tapered adjusting screw. This wrench will enable the technician to move this adjusting screw with maximum ease and feel.



J 23590 Air Line Adapter (Valve Spring Compressor)



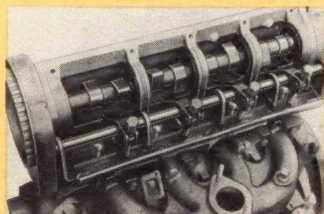
This tool when connected to a standard air line and used as a dummy spark plug will introduce air pressure into the cylinders. When this is done, it is an easy job to compress valve springs with the cylinder head installed on the block. Tool has application to all Chevrolet engines with tapered spark plug seals.



J 23591 Camshaft Remover & Installer

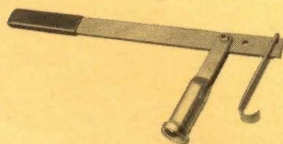


This tool is the heart of camshaft and valve service. It attaches to the cylinder head at the lower camshaft cover rail. The four (4) fingers are used to depress the lifters so that the following service operations can be done: camshaft removal and installation, camshaft bearing removal and installation, valve spring removal and installation, valve stem seal removal and installa-

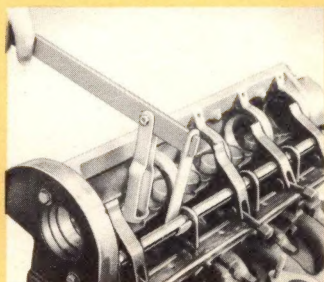


tion, follower removal and installation. (NOTE: Impact devices should not be used on this tool.)

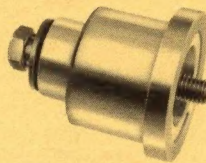
J 23592 Valve Spring Compressor



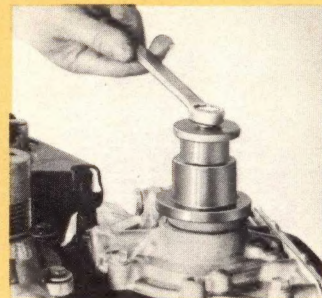
This tool is used in conjunction with J 23591. By using these two tools the technician can easily do valve spring and valve stem seal work in the car or on the bench.



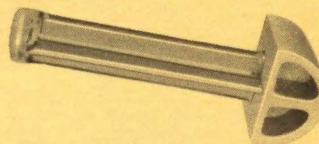
J 23624 Oil Pump Seal Installer



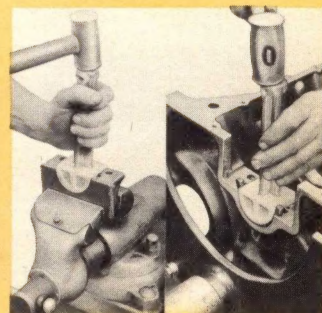
This tool is used to install the oil pump seal to specifications either on the car or bench. The bolt and nut are also used for the installation of the crankshaft sprocket.



J 23625 Rear Main Oil Seal Installer



The rear main oil seal is of the rope wick design and requires tamping in order to insure proper sealing. This tool enables the technician to tamp the wicks to the proper dimensions.



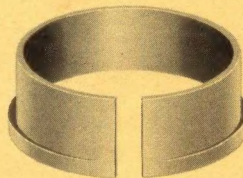
J 23627 Connecting Rod Inserter



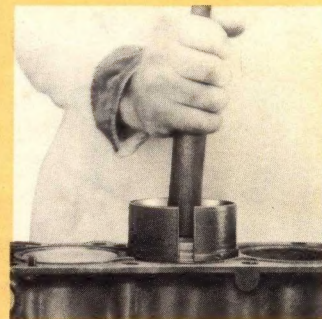
These urethane blocks are required when sliding the connecting rods through the cylinder bores so as to insure that the aluminum cylinder walls are not damaged in any way by the rod.



J 8910 Piston Ring Compressor



This split type ring compressor is absolutely required when inserting the piston assemblies into the aluminum block. This compressor also protects the sealing surface of the block.

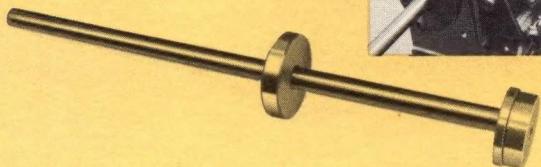
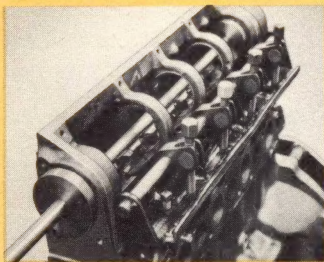


Chevrolet VEGA Essential Service Tools

ENGINE TOOLS

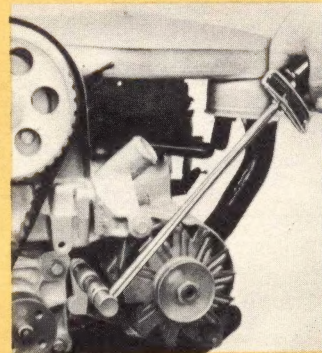
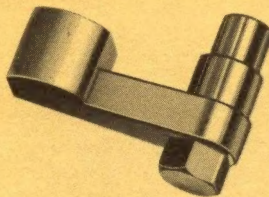
J 23638 Camshaft Bearing Remover & Installer

The camshaft bearings can be removed and installed in the car with this tool when used in conjunction with J 23591. The tool can, of course, be used for bearing removal and installation on the bench.



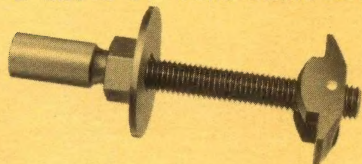
J 23654 Timing Belt Tensioning Adapter

The cog timing belt is tensioned by changing the location of the water pump. The technician can properly tension the belt with the use of this tool and a torque wrench.

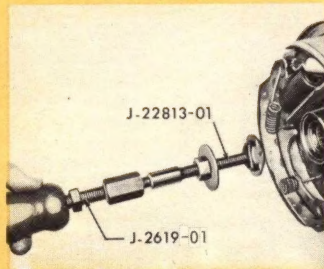


AXLE TOOLS

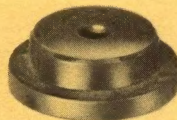
J 22813-01 Axle Shaft Bearing Remover



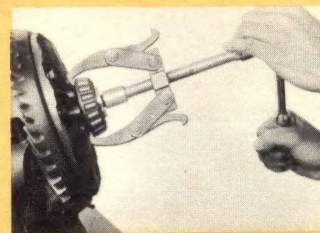
This tool when used with J 2619-01 Slide Hammer will easily remove the axle shaft bearing and seal without damaging the bearing.



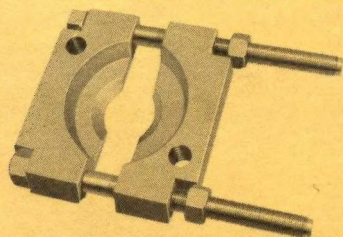
J 23598 Differential Side Bearing Remover Plug



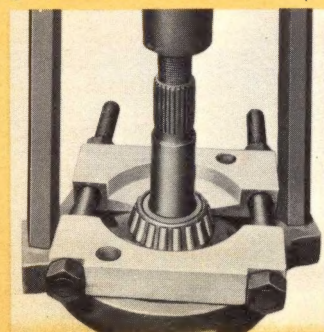
Due to a different size differential case a new support plug is required for side bearing removal. This plug and J 22888 will remove the side bearing as in other Chevrolet axles.



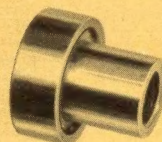
J 22912 Rear Pinion Bearing Cone Remover



This splitter type bearing puller will remove the rear pinion bearing with ease. It also has many other applications.



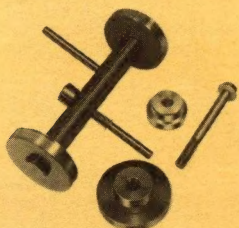
J 23610 Differential Side Bearing Installer



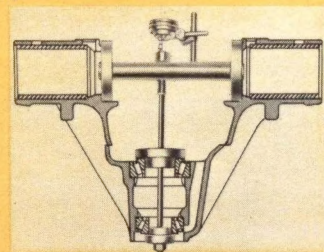
The smaller differential case and side bearings are what dictated this new bearing installer. It was designed so that installation can be done without damaging the bearing or differential case. Used with driver handle J 8092.



J 23597 Pinion Setting Gauge



The new axle being used on this car requires a new pinion setting gauge. The gauge is of a new design which simplifies this



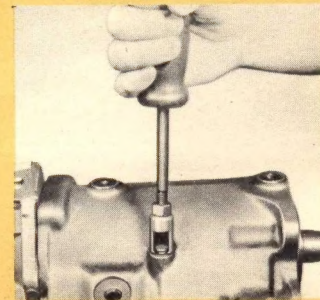
important gauging operation. Operating instructions are included with this tool.

TRANSMISSION TOOLS

J 21715 Transmission Detent Pin Plug Remover (4-Speed)



Designed specifically to remove the detent pin plug without damaging the plug or transmission case. Used with J 7004 Slide Hammer.



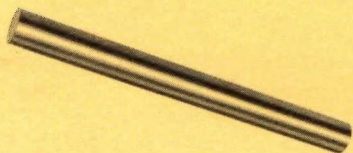
Chevrolet VEGA Essential Service Tools

TRANSMISSION TOOLS

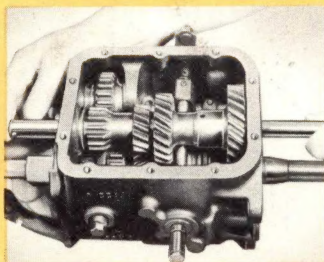
(Continued)

J 22911 Counter Gear Shaft (4-Speed)

J 23562 Counter Gear Shaft (3-Speed)



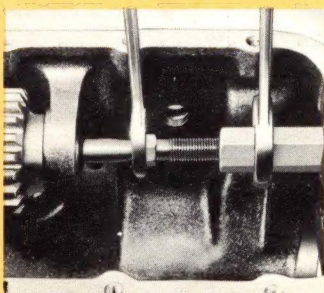
These tools hold the counter gear needle bearings in place while disassembling or reassembling the respective transmissions.



J 22923 Reverse Idler Shaft Remover (3 & 4-Speed)



The reverse idler shaft is pressed into the transmission case and in such a position that it is difficult to drive out. This jack-screw tool enables the technician to easily remove this shaft.



J 23596 Transmission Rear Seal Installer (3 & 4-Speed)



Proper installation of the transmission rear seal, both on and off the car, is achieved with this tool.



J 23644 Clutch Ball Stud Adjusting Gauge (3 & 4-Speed)



The clutch is activated by a cable mechanism. This tool is required in order to properly adjust the length of this cable.

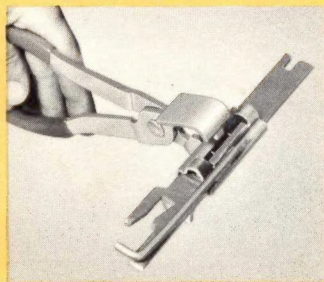


BRAKE TOOLS

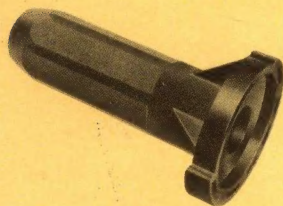
J 23730 Self Adjusting Drum Brake Releasing Tool



A new self adjusting mechanism is used on the rear drum brakes. This tool is designed to release the self adjusting mechanism with ease.



J 23572 Dust Boot Installer

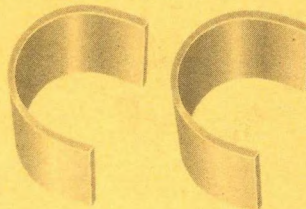


This tool will install the dust boot in the new disc brake caliper to proper specifications.

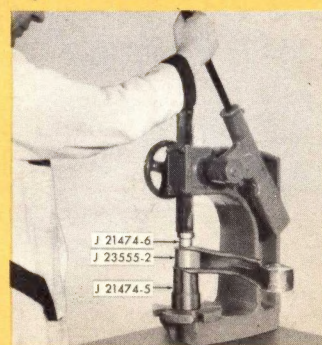


STEERING TOOL

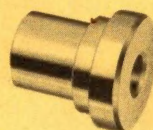
J 23555 Rear Control Arm Spacer Set



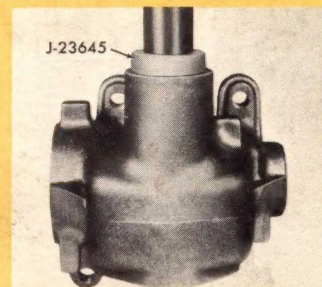
These two spacers are specifically designed to properly support the rear control arms when bushings are removed and installed.



J 23645 Pitman Shaft Needle Bearing Installer



This tool is used to install the Pitman shaft caged needle bearing to the proper depth without damaging the bearing or gear housing. Used with J 7079-2 driver handle.



SERVICE TOOL DIVISION KENT-MOORE CORPORATION

SALES & ENGINEERING

28635 Mound Rd., Warren, Michigan 48092
Phone: 313-539-5330 Telex: 023-5377

ORDER DEPARTMENT

1501 S. Jackson St., Jackson, Michigan 49203
Phone: 517-784-8561 Telex: 22-3413



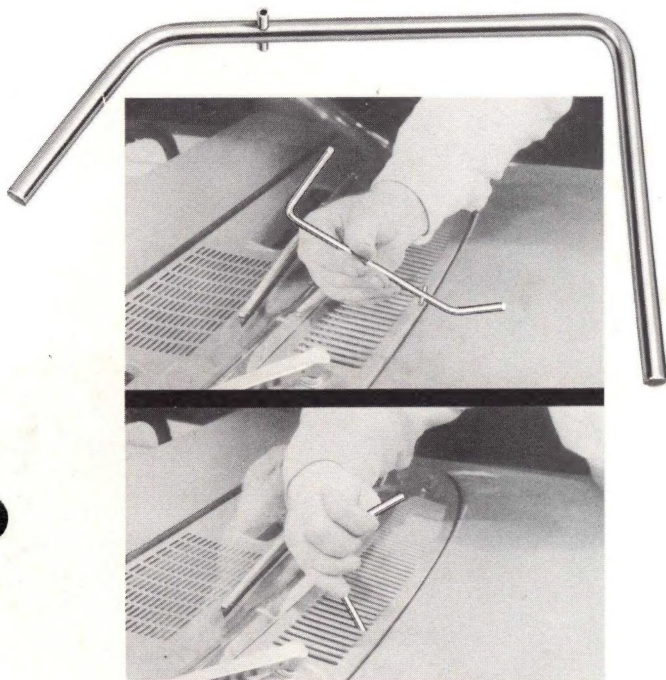
Litho in U.S.A.

Chevrolet VEGA

AVAILABLE SERVICE TOOLS

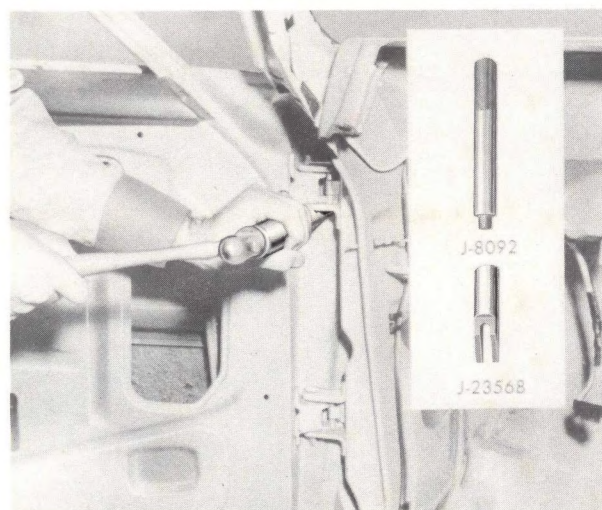


J 23581 Hood Latch Release Tool



When the operation of the hood latch cable becomes impaired J 23581 is required to facilitate the opening of the hood.

J 23568 Door Hinge Pin Remover



Removal of the door from the Vega requires removal of the hinge pins. This tool used with J 8092 Driver Handle effectively performs this service operation.



J 23646 Steering Gear Worm Race Installer

When necessary this tool is used to install the steering gear worm race. It is used with J 7079-2 driver handle.



SERVICE TOOL DIVISION KENT-MOORE CORPORATION

SALES & ENGINEERING

28635 Mound Rd., Warren, Michigan 48092
Phone: 313-539-5330 Telex: 023-5377

ORDER DEPARTMENT

1501 S. Jackson St., Jackson, Michigan 49203
Phone: 517-784-8561 Telex: 22-3413





ORDER FORM



CHEVROLET VEGA SERVICE TOOLS

SOLD TO _____
(Please Print)

ADDRESS _____

CITY _____ STATE _____

COUNTY _____ ZIP NO. _____

SHIP TO _____
(If Same as 'SOLD TO' Write in 'SAME')

ADDRESS _____

CITY _____ STATE _____

COUNTY _____ ZIP NO. _____

CUSTOMER
ORDER NO. _____

TERMS

☐ \$ _____
Open Account
(Approved Credit)☐ \$ _____
C.O.D.☐ \$ _____
Check AttachedThis order cannot be
charged to Dealer
Parts Account.THIS SPACE FOR ORDER DEPARTMENT
USE ONLY

| | | | | | | | | | | | | | | |
|----------------------------|--|--|--|--|----------------------|--|--|--|--|----------------------|--|--|--|--|
| TERMS 1 2 3 4 5 | | | | | INVENTORY CODE 5 | | | | | | | | | |
| TRANS. CHGS. 1 2 | | | | | DROP SHIP * | | | | | EXTRA C | | | | |
| JOBBER 2 | | | | | SURVEY D. 1 | | | | | DO NOT B. O. * | | | | |
| I. H. C. 6 | | | | | MINUS INVENTORY * | | | | | | | | | |
| SALES TAX EXEMPT 1 | | | | | | | | | | | | | | |
| VIA 0 1 2 3 4 5 6 7 8 9 | | | | | | | | | | | | | | |

ALL PRICES F.O.B. JACKSON, MICH.—SUBJECT TO CHANGE WITHOUT NOTICE—ORDER SUBJECT TO CONFIRMATION BY KENT-MOORE CORP.

| QUANTITY | TOOL NO. | DESCRIPTION | PRICE | TOTAL |
|----------|------------|--|---------|-------|
| | J 8910 | Piston Ring Compressor 3½" | \$ 5.00 | |
| | J 21715 | 4-Speed Transmission Detent Pin Plug Remover | 8.90 | |
| | J 22813-01 | Axle Shaft Bearing Remover | 14.25 | |
| | J 22911 | Counter Gear Shaft, 4-Speed | 3.80 | |
| | J 22912 | Rear Pinion Bearing Cone Remover | 20.75 | |
| | J 22923 | Reverse Idler Shaft Remover, 3 & 4 Speed | 8.60 | |
| | J 23555 | Rear Control Arm Spacer | 4.50 | |
| | J 23562 | Counter Gear Shaft, 3-Speed | 3.80 | |
| | * J 23568 | Door Hinge Pin Remover | 15.25 | |
| | J 23572 | Dust Boot Installer | 4.60 | |
| | * J 23581 | Hood Release Tool | 3.50 | |
| | J 23587 | Lifter Adjusting Wrench | 1.00 | |
| | J 23590 | Air Line Adapter (Valve Spring Compressor) | 6.80 | |
| | J 23591 | Camshaft Remover & Installer | 74.80 | |
| | J 23592 | Valve Spring Compressor | 15.95 | |
| | J 23596 | Transmission Rear Seal Installer (3 & 4 Speed) | 4.45 | |
| | J 23597 | Pinion Setting Gauge | 61.25 | |
| | J 23598 | Differential Side Bearing Remover Plug | 3.50 | |
| | J 23610 | Differential Side Bearing Installer | 8.50 | |
| | J 23624 | Oil Pump Seal Installer | 5.50 | |
| | J 23625 | Rear Main Oil Seal Installer | 4.50 | |
| | J 23627 | Connecting Rod Insert | 4.65 | |
| | J 23638 | Camshaft Bearing Remover & Installer | 24.90 | |
| | J 23644 | Clutch Ball Stud Adjuster Gauge | 4.20 | |
| | J 23645 | Pitman Shaft Needle Bearing Installer | 6.85 | |
| | * J 23646 | Worm Gear Race Installer | 4.75 | |
| | J 23654 | Timing Belt Tensioning Adapter | 6.30 | |
| | J 23730 | Self Adjusting Drum Brake Releasing Tool | 11.50 | |

*AVAILABLE SERVICE TOOLS

TOTAL \$ _____

State and Local Sales and/or Use Tax will be added to order if applicable.

SALES TAX \$ _____

TOTAL \$ _____

SIGNED _____ PER _____ DATE _____
(Purchaser's Firm Name) (Individual)

SERVICE TOOL DIVISION KENT-MOORE CORPORATION

ORDER DEPARTMENT

1501 S. Jackson St., Jackson, Michigan 49203
Phone: 517-784-8561 Telex: 22-3413

